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1009

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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/944,432

DATE: 10/26/2001

TIME: 09:31:47

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

ENTERED

1 <110> APPLICANT: Baker, Kevin
2 Botstein, David
3 Eaton, Dan
4 Ferrara, Napoleone
5 Filvaroff, Ellen
6 Gerritsen, Mary
7 Goddard, Audrey
8 Godowski, Paul
9 Grimaldi, Christopher
10 Gurney, Austin
11 Hillan, Kenneth
12 Kljavin, Ivar
13 Napier, Mary
14 Roy, Margaret
15 Tumas, Daniel
16 Wood, William
17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
18 ACIDS ENCODING THE SAME
19 <130> FILE REFERENCE: P2548P1C1
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21 <141> CURRENT FILING DATE: 2001-09-26
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46 <150> PRIOR APPLICATION NUMBER: 60/070,440
W--> 47 <151> PRIOR FILING DATE: January 5, 1998

RAW SEQUENCE LISTING

DATE: 10/26/2001

PATENT APPLICATION: US/09/944,432

TIME: 09:31:47

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

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70 <150> PRIOR APPLICATION NUMBER: PCT/US99/12252
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72 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
W--> 73 <151> PRIOR FILING DATE: September 15, 1999
74 <150> PRIOR APPLICATION NUMBER: PCT/US99/28409
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94 <150> PRIOR APPLICATION NUMBER: PCT/US00/32678
W--> 95 <151> PRIOR FILING DATE: December 1, 2000
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RAW SEQUENCE LISTING

DATE: 10/26/2001

PATENT APPLICATION: US/09/944,432

TIME: 09:31:47

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

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100 <210> SEQ ID NO: 1

101 <211> LENGTH: 2454

102 <212> TYPE: DNA

103 <213> ORGANISM: Homo Sapien

104 <400> SEQUENCE: 1

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107      ctcacttttt cttcttacac agtgtctgag aacattttaca ttatagataa 150
108      gtagtacatg gtggataact tctactttta ggaggactac tctctttctga 200
109      cagtcctaga ctggtcttct acactaagac accatgaagg agtatgtgct 250
110      cctattattc ctggctttgt gctctgcaa acccttcttt agcccttcac 300
111      acatcgcact gaagaatatg atgctgaagg atatggaaga cacagatgat 350
112      gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
113      tccaacaaga gagccaagaa gccatttttt tccatttgat ctgtttccaa 450
114      tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
115      ttaggtttga cctcagtccc aaccaacatt ccatttgata ctgcaatgct 550
116      tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag 600
117      gactcacttc actttatggt ctgactcctga acaacaacaa gctaacgaag 650
118      attcacccaa aagcctttct aaccacaaag aagttgcga ggcgttatct 700
119      gtcccacaa caactaagtg aaataccact taatcttccc aaatcattag 750
120      cagaactcag aattcatgaa aataaagtta agaaaataca aaaggacaca 800
121      ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaacctctc 850
122      tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900
123      atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
124      ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
125      acttgaggat tttaaacgat acaaagaact acaaaggctg ggcctaggaa 1050
126      acaacaaaat cacagatata gaaaatggga gtcttgctaa cataccacgt 1100
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128      attaccagag ttgaaatacc tccagataat ctctctcat tctaattcaa 1200
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136      gatacataag ggggtgagag aaacaagcat ctattgcagt ttcctttttg 1600
137      cgtacaaatg atcttacata aatctcatgc ttgaccattc ctttcttcat 1650
138      aacaaaaaag taagatatcc ggtatttaac actttgttat caagcacatt 1700
139      ttaaaaagaa ctgtactgta aatggaatgc ttgacttagc aaaatttgtg 1750
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142      tatttttaat catcttaaag tatgatttga tataatctta ttgaaattac 1900
143      cttatcatgt cttagagccc gtctttatgt ttaaaactaa tttcttaaaa 1950
144      taaagccttc agtaaatgtt cattaccaac ttgataaatg ctactcataa 2000
145      gagctggttt ggggctatag catatgcttt ttttttttta attattacct 2050
146      gatttaaaaa tctctgtaaa aacgtgtagt gtttcataaa atctgtaact 2100

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DATE: 10/26/2001

PATENT APPLICATION: US/09/944,432

TIME: 09:31:47

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

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147   cgcattttaa tgatccgcta ttataagctt ttaatagcat gaaaattgtt 2150
148   aggcataata acattgccac ttcaactcta aggaatatatt ttgagatata 2200
149   cctttggaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
150   aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
151   tagtataact gaataagcag agcatcaaata taaacagaca gaaaccgaaa 2350
152   gctctatata aatgctcaga gttctttatg tattttcttat tggcattcaa 2400
153   catatgtaaa atcagaaaac agggaaattt tcattaataaa tattggtttg 2450
154   aaat 2454

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156 <210> SEQ ID NO: 2

157 <211> LENGTH: 379

158 <212> TYPE: PRT

159 <213> ORGANISM: Homo Sapien

160 <400> SEQUENCE: 2

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161   Met Lys Glu Tyr Val Leu Leu Leu Phe Leu Ala Leu Cys Ser Ala
162       1                      5                      10                      15
163   Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
164       20                      25                      30
165   Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp
166       35                      40                      45
167   Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
168       50                      55                      60
169   Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
170       65                      70                      75
171   Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
172       80                      85                      90
173   Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
174       95                      100                     105
175   Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
176       110                     115                     120
177   Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
178       125                     130                     135
179   Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
180       140                     145                     150
181   Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
182       155                     160                     165
183   Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
184       170                     175                     180
185   Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
186       185                     190                     195
187   Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
188       200                     205                     210
189   Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
190       215                     220                     225
191   Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
192       230                     235                     240
193   Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
194       245                     250                     255
195   Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
196       260                     265                     270

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TIME: 09:31:47

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

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197      Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
198              275                      280                      285
199      Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
200              290                      295                      300
201      Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
202              305                      310                      315
203      Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
204              320                      325                      330
205      Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
206              335                      340                      345
207      Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
208              350                      355                      360
209      Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
210              365                      370                      375
211      Asn Phe Gly Met
213 <210> SEQ ID NO: 3
214 <211> LENGTH: 20
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
219 <400> SEQUENCE: 3
220      ggaaatgagt gcaaaccctc 20
222 <210> SEQ ID NO: 4
223 <211> LENGTH: 24
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
228 <400> SEQUENCE: 4
229      tcccaagctg aacactcatt ctgc 24
231 <210> SEQ ID NO: 5
232 <211> LENGTH: 50
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
237 <400> SEQUENCE: 5
238      gggtgacggt gttccatata agaattgcag aagcaaaact gacctcagtt 50
240 <210> SEQ ID NO: 6
241 <211> LENGTH: 3441
242 <212> TYPE: DNA
243 <213> ORGANISM: Homo Sapien
244 <400> SEQUENCE: 6
245      cggacgcgtg ggcggacgcg tgggcccgcg gcaccgcccc cggcccggcc 50
246      ctccgcccctc cgcactcgcg cctccctccc tccgcccgcg cccgcgccct 100
247      cctccctccc tcctcccag ctgtccggtt cgcgtcatgc cgagcctccc 150
248      ggccccgcgc gccccgcgtc tgcctcgcg gctgctgctg ctcggtccc 200
249      ggccggcccc cggcgccggc ccagagcccc ccgtgctgcc catccgttct 250

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/944,432

DATE: 10/26/2001

TIME: 09:31:48

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Output Set: N:\CRF3\10262001\I944432.raw

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STATISTICS SUMMARY

PATENT APPLICATION: US/09/944,432

DATE: 10/26/2001

TIME: 09:31:48

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

Application Serial Number: US/09/944,432

Alpha or Numeric: Numeric

Application Class:

Application File Date: 09-26-2001

Art Unit: OIPE

Software Application:

Total Number of Sequences: 120

Total Nucleotides: 35991

Total Amino Acids: 7298

Number of Errors: 0

Number of Warnings: 37

Number of Corrections: 0

MESSAGE SUMMARY

256 W: 37 (Invalid Numeric Header Field)